

The Common Denominator

A Family Math Newsletter
Math 6 Unit 6: Geometry

Unit at a Glance

Skills/ Topics:

- Find area of quadrilaterals, triangles, and polygons composed of quadrilaterals and triangles.
- Draw polygons on the coordinate plane and find lateral distance using coordinates.
- Use nets to find surface area of three dimensional figures.
- Find the volume of rectangular prisms.

Length:

- 45 minutes period: 23 days
- 90 minute period: 13 days

Exploring Mathematics

Engineers use geometry to ensure the construction of safe structures, devices and equipment. Civil engineers design roads, tunnels, bridges, sewage systems and other structures. They must calculate the size of each structure, determine the right quantity of materials to buy and ensure that each structure can withstand inclement weather and other hazards.

Review this document to support your student in geometry.

[Eureka Math Tips for Parents](#)

Resource Toolkit

HMH Resources

Module 13: Area and Polygons pg. 367-396

Module 14: Distance and Area in the Coordinate Plane pg. 397-414

Module 15: Surface Area and Volume of Solids pg. 415-436

Discovery ED Techbook Info

Grade 6

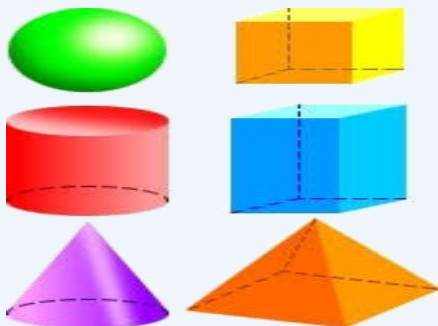
Area of Polygons Concepts, 12.1 and 12.2

Surface Area and Volume, Concept 13.1 and 13.2

Homework Help Section

[Virtual Nerd: Solve real-world and mathematical problems involving area, surface area, and volume.](#)

[Open Up Resources: Reasoning with Area](#)



"Where there is matter, there is geometry."

-Johannes Kepler: "